

## **E-13. Objective:**

To establish and maintain a continuous and easily accessible bikeways system throughout the metropolitan area that will facilitate bicycling as both a viable transportation alternative and a recreational activity.

### **E-13-a. Goal: Bicycle System Expansion**

To develop a complete bicycling system that is suitable for different types of bicyclists and that offers access to major destination areas.

#### ***E-13-a-1. Policy:***

Provide bikeways in proximity to major traffic generators such as commercial centers, schools, recreational areas, and major public facilities.

#### ***E-13-a-2. Policy:***

Wherever possible, provide linkages between bikeways, the city's multi-purpose trails, and other regional networks such as the San Joaquin River Trail.

#### ***E-13-a-3. Policy:***

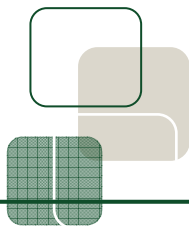
Develop bikeways that are continuous and provide linkages to other bicycle facilities. Give priority to bikeway components that link existing separated sections of the system or that serve the highest concentration of cyclist and destination areas with the highest demand.

#### ***E-13-a-4. Policy:***

Develop a visually clear, simple, and consistent bicycle system with clearly defined areas, boundaries, and standard signs and markings as designated by the State of California Highway Design Manual / Chapter 1000 / Bikeway Planning and Design.

#### ***E-13-a-5. Policy:***

Develop a network of Class I bicycle facilities along public easements, railways, utility easements, and irrigation canals that accommodate a wide range of user ages and abilities.



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**E-13-a-6. Policy:**

When possible, limit crossings of Class I trails to major street intersections and one driveway or local street every half mile.

**E-13-a-7. Policy:**

Require that bicycle detector loops be installed at all new traffic signals located on a bikeway in Fresno. Promote the retrofitting of existing traffic signals on bikeways to include bicycle detector loops and the retiming of signals to make them more bicycle-friendly.

**E-13-b. Goal: Planning Integration**

Integrate the consideration of bicycle travel in planning and development activities.

**E-13-b-1. Policy:**

Require major traffic generating uses (major shopping centers, office complexes, public service facilities, et al.) to design on-site parking and circulation areas to facilitate bicycle travel.

**E-13-b-2. Policy:**

Promote the installation of bicycle locking racks and bicycle parking facilities at public buildings, transit facilities, public and private parking lots, and recreational facilities. Establish and adopt standards for the implementation of bicycle parking.

**E-13-b-3. Policy:**

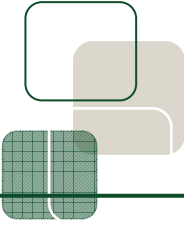
Install short- and long-term bicycle parking in the public right-of-way.

**E-13-b-4. Policy:**

Establish and adopt standards for the implementation of showers and changing facilities for commuting cyclists at employment centers.

**E-13-b-5. Policy:**

Require that development projects adjacent to a designated bikeway provide adequate right-of-way and construct necessary improvements to implement the planned bikeway system. Construction of new major streets or reconstruction of existing major streets shall also provide for the planned bikeways system to the extent feasible. Where inadequate right-of-way is available



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within established areas alternative bikeway alignments or routes shall be pursued consistent with this plan.

***E-13-b-6. Policy:***

Provide not less than ten feet of street width (five feet for each travel direction) to implement bike lanes for designated bikeways along major streets (as provided by adopted City of Fresno Public Works Standards) except as determined in accordance with Policies E-14-b-5. Provide adequate easements and improvements to implement separate bike paths where designated by an adopted community plan, specific plan, or other general plan element.

***E-13-b-7. Policy:***

As part of the project review process, evaluate the project's impacts on bicycle travel. Develop a bicycle and pedestrian accommodations checklist to be used when evaluating a project's impacts.

***E-13-b-8. Policy:***

Promote cooperation between the City of Fresno, the City of Clovis, Fresno County, the Fresno Irrigation District, and other agencies when developing bicycling facilities.

***E-13-b-9. Policy:***

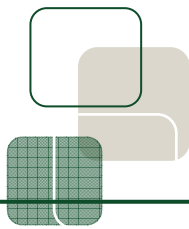
Ensure that bicycle facilities are not reduced or eliminated in construction zones and that roadway improvement projects provide reasonable and appropriate bicycle detours.

***E-13-b-10. Policy:***

Develop an interdepartmental team of City staff whose focus is the implementation of the Five E's: Education, Encouragement, Engineering, Enforcement, and Evaluation; this team may include, but is not limited to, representatives from the Parks Department, Fire Department, Police Department, Department of Public Utilities, Department of Public Works, and Planning Department.

**E-13-c. Goal: Multimodal Integration**

Promote the integration of bicycling with other forms of transportation, including public transit.



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***E-13-c-1. Policy:***

Facilitate the linkages between bikeways and other modes of transportation including the Fresno Area Express (FAX) bus system's "Bike n' Bus" program, the Downtown Fresno Transit Mall, Amtrak, Greyhound, other transit providers, and linkages with Fresno-area airports.

***E-13-c-2. Policy:***

Continue to provide bike racks or space for bicycles on FAX buses.

***E-13-c-3. Policy:***

Coordinate with FAX to promote and provide secure bicycle racks and lockers at bus stops.

***E-13-c-4. Policy:***

Coordinate with FAX during the design of new facilities to ensure that bicycle access is provided to new transit facilities and on new transit vehicles.

***E-13-d. Goal: Funding***

Develop and fund a bicycle program at the City inclusive of staff and budget to implement improvements.

***E-13-d-1. Policy:***

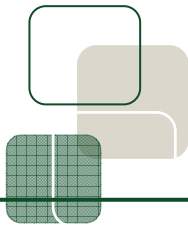
Update the Bicycle, Pedestrian, and Trails Master Plan periodically as required by Caltrans to reflect new policies and/or requirements for funding.

***E-13-d-2. Policy:***

Actively seek sources of funding for bicycle facilities, safety programs, education programs, promotion programs and other implementation measures of the Bicycle, Pedestrian, and Trails Master Plan.

***E-13-d-3. Policy:***

Include a bicycle improvements section in the City's Capital Improvements Program.



### **E-13-e. Goal: Maintenance**

Routinely maintain bicycle facilities so they provide usable, safe, and comfortable conditions for bicyclists.

#### ***E-13-e-1. Policy:***

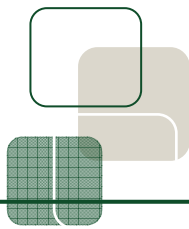
Provide regular sweeping and other necessary maintenance to clear bikeways of dirt, glass, gravel, and other debris. Perform any other necessary upkeep such as stripe or marking painting, pavement surface reparation, tree trimming, and any other upkeep required to maintain the integrity of the bicycling network.

#### ***E-13-e-2. Policy:***

Initiate a program to install safe drainage grates along designated bikeways.

#### ***E-13-e-3. Policy:***

Provide adequate route lighting.



## **E-14. Objective:**

Encourage increased bicycle usage by providing the most safe and secure bicycle facilities feasible, and by promoting traffic safety awareness by both bicyclists and motorists.

### **E-14-a. Goal: Safety & Education**

To improve bicycling safety, reduce bicycle-related collisions, establish educational opportunities aimed at all levels of bicyclists, and promote safer driving behaviors among motorists.

#### ***E-14-a-1. Policy:***

Cooperate with other public agencies (school districts, County of Fresno, San Joaquin Valley Unified Air Pollution Control District, Regional Transportation Planning Agency, et al.) to fund and develop an expanded program of education on the “rules of the road” and rights for cyclists and motorists, both through mass media and through school and private efforts.

#### ***E-14-a-2. Policy:***

Promote, and pursue funding for, cycling safety and educational opportunities targeted to youth cyclists, adult cyclists, and motorists.

#### ***E-14-a-3. Policy:***

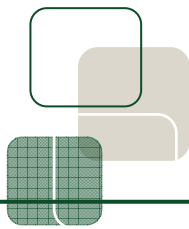
Regularly monitor collisions involving cyclists to identify intersections or locations requiring modifications and to ensure a decline in the number and severity of bicycle collisions.

#### ***E-14-a-4. Policy:***

Provide bicycle education to City staff involved in decisions regarding transportation facilities. This may include traffic engineers, planners, field engineers, field inspectors, street maintenance personnel and parks and recreation staff.

#### ***E-14-a-5. Policy:***

Promote the health benefits of bicycling.



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***E-14-a-6. Policy:***

Provide bicycle education for law enforcement personnel.

***E-14-a-7. Policy:***

Develop a bicycle safety curriculum for use in K-6 schools.

***E-14-a-8. Policy:***

Develop a public/private partnership campaign and volunteer program for annual “Bike Rodeos” to educate K-6 students on bicycle safety.

**E-14-b. Goal: Community Outreach**

Develop communication programs that integrate the community, enhance bicycling as a part of daily life, and promote bicycling as a legitimate form of transportation.

***E-14-b-1. Policy:***

Continue to monitor and evaluate the effectiveness of bikeway facilities and implement measures as appropriate to enhance usage, safety, and efficiency.

***E-14-b-2. Policy:***

Develop and maintain a website that publicizes an up-to-date bikeway map and other information such as safety tips, commuting advice, and the health benefits of bicycling.

***E-14-b-3. Policy:***

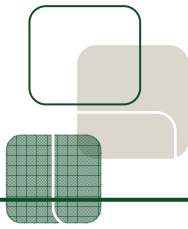
Promote a public awareness campaign to increase public recognition and to educate the general public about the rights and responsibilities of bicyclists and motorists.

***E-14-b-4. Policy:***

Work with the local healthcare community to develop a fuller understanding of bicycle-related collisions in Fresno and to promote the health benefits of bicycling.

***E-14-b-5. Policy:***

Coordinate with local school districts to develop a bike to school program.



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***E-14-b-6. Policy:***

Promote, and increase local coverage of, local bicycle sporting events as a means of publicizing the health and lifestyle benefits of cycling.

**E-14-c. Goal: Mode Split**

Increase bicycle transportation such that 5% of all trips are made by bicycle by the year 2020.

***E-14-c-1. Policy:***

Promote bicycling as an alternative form of transportation.

***E-14-c-2. Policy:***

Support Transportation Demand Management programs at worksites to encourage commuters to bicycle to work.

**E-14-d. Goal: Recognition**

Fulfill the requirements necessary to be a Bicycle Friendly Community as determined by the League of American Bicyclists.

***E-14-d-1. Policy:***

Carry out the policies and implementation measures of the Fresno Bicycle, Pedestrian, and Trails Master Plan.

***E-14-d-2. Policy:***

Apply to the League of American Bicyclists for recognition as a Bicycle Friendly Community.